

# Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Silicon Nitride (CAS 12033-89-5) Market 2018, Forecast to 2023

https://marketpublishers.com/r/GAE0F31AC57EN.html

Date: July 2018

Pages: 135

Price: US\$ 4,880.00 (Single User License)

ID: GAE0F31AC57EN

### **Abstracts**

Silicon nitride (Si3N4) is one of the purely covalent nitrides. Like all nitrides, it is characterized by a high degree of thermal stability and exceptional chemical stability. Its o

#### SCOPE OF THE REPORT:

This report focuses on the Silicon Nitride (CAS 12033-89-5) in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. The global production of silicon nitride increases from 1327 MT in 2011 to1598 MT in 2015. In 2015, the global silicon nitride market is led by Europe; Japan is the second-largest region-wise market. At present, the major manufacturers of silicon nitride are concentrated in Europe and Japan. AlzChem is the world leader, holding 34.8% production market share in 2015.

Silicon nitride downstream is wide and recently silicon nitride has acquired increasing significance in various fields of solar energy Industry, silicon nitride ceramics and components, LED industry and others. Globally, the silicon nitride market is mainly driven by growing demand for silicon nitride balls and cutting tools.

According to our research and analysis, manufacturers from Japan and EU are the major leaders in the international market of silicon nitride. Manufacturers from China are immature in technology. There is large space in the China market, as well as big gap between international brands and local brands on price. With the development of Chinese silicon nitride production technology, their share in the global market is increasing, and competitiveness in the global market gradually increases.

Global market is expected to witness significant growth on account of rising



applications, so in the next few years, silicon nitride production will show a trend of steady growth. In 2020 the production of silicon nitride is estimated to be 1939MT, and the consumption increasing degree will be high. On product prices, the slow downward trend in recent years will maintain in the future.

The worldwide market for Silicon Nitride (CAS 12033-89-5) is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

UBE

AlzChem

Yantai Tomley Hi-tech Advanced Materials

H.C.Starck

Denka

Hebei Corefra Silicon Nitride Material

VestaSi

Jiangxi Sanxin Hi-Tech Ceramics

Hongchen Technology

Market Segment by Regions, regional analysis covers

**Combustion Synthesis** 

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Silicon Nitride (CAS 12033...



South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Photovoltaic Grade Silicon Nitride

Ceramic Grade Silicon Nitride

LED Grade Silicon Nitride

Market Segment by Applications, can be divided into

Application 1

Application 2

There are 15 Chapters to deeply display the global Silicon Nitride (CAS 12033-89-5) market.

Chapter 1, to describe Silicon Nitride (CAS 12033-89-5) Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Silicon Nitride (CAS 12033-89-5), with sales, revenue, and price of Silicon Nitride (CAS 12033-89-5), in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Silicon Nitride (CAS 12033-89-5), for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these



regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Silicon Nitride (CAS 12033-89-5) market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Silicon Nitride (CAS 12033-89-5) sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source



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